

19990515.ba v02_n544.bam.990515

>From ???@??? Sat May 15 14:07:22 1999
Message-Id: <199905151653.LAA13083@sco.theporch.com>
Date: Sat, 15 May 1999 11:52:33 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2544

BOATANCHORS Digest 2544

Topics covered in this issue include:

- 1) Dayton Hamvention - Early Impressions
by Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
- 2) Re: Dayton Hamvention - Early Impressions
by John R Bookout K7JB <k7jb@uswest.net>
- 3) valves wanted
by BEN NOCK <G4BXD@compuserve.com>
- 4) Re: Dayton Hamvention - Early Impressions
by Michael M Oxenreider <wb3ctc@juno.com>
- 5) Re: CCC Harvey 80T
by N5CM@aol.com
- 6) Re: Dayton Hamvention - Early Impressions
by Dave Jordan <wa3gin@erols.com>
- 7) BA Speed Graphic
by Dick Dillman <ddillman@igc.apc.org>
- 8) Re: BA Speed Graphic
by Garey Barrell <k4oah@mindspring.com>
- 9) e-bay, WAS -> Dayton Hamvention - Early Impressions
by "Lawrence R. Ware" <lrware@pipeline.com>
- 10) The ZM-3
by "Jim Carrington" <jcall@sirius.com>
- 11) FMLA: Spring
by mnhopkins@juno.com
- 12) Dallas BA sightings
by mnhopkins@juno.com
- 13) LSB MOD - RECEIVING?
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 14) LSB MOD - RX
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)

Message-Id: <v03102801b361bb52b196@[134.53.65.12]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 14 May 1999 08:58:08 -0400
To: Old Tube Radios <boatanchors@theporch.com>

From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
Subject: Dayton Hamvention - Early Impressions
Cc: COLLINS@LISTSERV.TEMPE.GOV

Hi Gang,

I'm not able to go to the Hamvention today (will go Sat and Sun), but did stop by Thursday afternoon to pick up my pass, and spent a couple hours in the fleamarket. In the past, I've arrived Friday morning, but it's clear there's lots of action now on Thursdays.

About 25% of the spaces were already occupied by 4pm, and there was lots of trading going on. Saw a beautiful RE Collins DL-1 go for \$150, and just missed out on a 75A4 junker for \$75. It was 95% complete, with PT0, meter, all sheet metal, mech filter, etc. Sigh.... Saw some nice boatanchors, including a 1975 KWM-2A with \$2200 asking price, lots of Hammarlunds, Hallicrafters, etc. much of it priced high.

Much of the trading seemed to be people scooping up bargains to resell later at higher prices. Everybody was talking about the impact of EBay, and there were lots of rumors about quasi-dealers shopping for items to auction later on EBay

Unfortunatley, my overall impression was largely negative, although I'll have a better impression later in the weekend. Some specific observations:

1. The Hamvention was still selling fleamarket spaces on Thursday afternoons, which leads me to believe the demand for spaces has subsided. This is not surprising, given the following:
2. The percentage of dealers in the fleamarket is growing. Since the fleamarket assigns the same space numbers year after year, wandering up and down the aisle gives one a definite sense of deja vu. There are dealer tents everywhere, many apparently selling the same merchandise as the year before.
2. The rules now make it very inconvenient for sellers. You will not be admitted into the fleamarket with your vehicle after 8AM, and once admitted you have stay until the fleamarket closes. This is a major annoyance for persons, like myself, who would would like to leave earlier to drive home or go rest up before dinner. Again, this is a policy change that encourages dealers and discourages individual sellers.
3. A single fleamarket space is not big enough for a car and a selling table, much less a chair. My minivan completely fills one space, and the officials won't let your table extend into the aisle. Two adjacent fleamarket spaces and an admission ticket cost \$131. Once again, individual sellers are discouraged in favor of dealers who are able to buy

multiple spaces

4. The blacktopped fleamarket area is very run down. Potholes are everywhere, and the numbers on the spaces are largely illegible. The Hara arena staff are clueless, for the most part, and many seem almost rude. Just try asking one of them for directions.

If I look into the future, I see the Hamvention in a gradual state of decline. The parking is inadequate (the shuttle buses discourage shoppers who don't want to lug heavy purchases around), and a combination of policies seems almost deliberately to discourage individuals from participating. With all the dealers, much of the spontaneity of earlier years is gone. I've been going to Dayton for close to thirty years, and I'll give it another try this year. Frankly, however, I have a lot more fun at smaller hamfests.

I'd think the Dayton Amateur Radio Association would be well-advised to do some soul-searching about the Hamvention while there's still time. For many reasons, Hara Arena is clearly an unsuitable site. Maybe they could move it to the Ohio State Fairgrounds, in Columbus, about 90 minutes away. Participants would be much happier, transportation is better, the facilities are great, with on-site parking, and there are far better accommodations in the area.

73,

Jim Garland W8ZR

Message-ID: <373C3D21.B499486@ptld.uswest.net>
Date: Fri, 14 May 1999 08:11:29 -0700
From: John R Bookout K7JB <k7jb@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>, COLLINS@LISTSERV.TEMPE.GOV
Subject: Re: Dayton Hamvention - Early Impressions
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Jim:

I have never been to Dayton. I was planning on going next year, but from your description I'm not sure I want to! Your analysis of the situation leads me to believe that individual sellers should stay away from Dayton and sell at smaller marts. Your suggestion of moving it to

the Ohio State Fairgrounds, in Columbus makes allot of sense. The only thing I see standing in the way of accomplishing this is the man power and organization to get it done. I am sure if you build a better mart, they will come. Especially if the goodies disappear from Dayton and start showing up in Columbus.

73's John

Jim Garland W8ZR wrote:

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> some soul-searching about the Hamvention while there's still time. For many
> reasons, Hara Arena is clearly an unsuitable site. Maybe they could move it
> to the Ohio State Fairgrounds, in Columbus, about 90 minutes away.
> Participants would be much happier, transportation is better, the
> facilities are great, with on-site parking, and there are far better
> accommodations in the area.
>
> 73,
>
> Jim Garland W8ZR

--

Best 73's John
Amateur Radio K7JB -- Portland Oregon 97229

Date: Fri, 14 May 1999 15:02:32 -0400
From: BEN NOCK <G4BXD@compuserve.com>
Subject: valves wanted
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199905141503_MC2-75C6-5B68@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

73
Mike

From: N5CM@aol.com
Message-ID: <5a176b88.246e0f86@aol.com>
Date: Fri, 14 May 1999 19:45:10 EDT
Subject: Re: CCC Harvey 80T
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Don & Gang,

You bring back memories. Having gotten the FCC Telegraph 2nd Class license in November 1938 and no jobs available, I joined the CCC and was eventually stationed as the camp radio operator at the Brooklyn Ms Forestry Camp. My all was WUQG. Net Control WUKA was located on Camp Beauregard La. and had two civilian civil service operators. Two Super Skyriders SX17 receivers and two homebrew remoted CW transmitters. This was 4th Corps Area District "E" CCC. The individual camps mostly had Sky Buddy Receivers and a variety of mostly homebrew transmitters fabricated by the ops at WUKA. I Transferred to the Kentwood La. Soil Conservation Camp and served as sub-net control. Call was WUQM. Later. one of the civvy ops at headquarters resigned to go to the CAA and I was selected to take his place. When the draft started in 1939, we were moved out of Camp Beauregard and wound up in McComb, Ms.

Later when I was in the Army Airways Communications System I heard the four letter old CCC calls at stations over in North Africa and other places.

We used "Z" signals and instead of "de" between calls we used "v".....

73, Ken....N5CM....

Message-ID: <373CBE3E.C0246478@erols.com>
Date: Fri, 14 May 1999 20:22:23 -0400
From: Dave Jordan <wa3gin@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>, COLLINS@LISTSERV.TEMPE.GOV
Subject: Re: Dayton Hamvention - Early Impressions
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,

I buy direct from the owner, not an email address...I'll never use EBAY for ham radio stuff and I'm not alone, I think. EBAY will go the same route as CB.

Enjoy it while it last...plenty of folks get ripped off using ecommerce...you'll think you have a sale only to find out you don't -- then folks will wonder why you listed again...or you buy something and it turns out not to be just like the jpg...I'll stick with good old word of mouth and ham fest.

HAVE FUN,
dave

=====

Michael M Oxenreider wrote:

> Hello everyone,
> Jim I think that E-bay will prove to be the death of hamfests...

Date: Fri, 14 May 1999 20:17:42 -0700 (PDT)
Message-Id: <2.2.16.19990514200510.4877f5ec@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: BA Speed Graphic

I went to the photo swapmeet the other weekend and got my intestines all in an uproar over Speed Graphics. You know the Speed Graphic: the big box with the bellows and lens sticking out that Weegee used to take all those great crime photos in New York. When I got back I forced Tom Horsfall to sell me his military Speed Graphic kit with transport case. So now I'll be able to properly document the next Military Radio Collectors Group meet and other significant events. But of course I must buy a fedora first.

Regards,

Dick

Dick Dillman

<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Message-Id: <3.0.1.32.19990514234818.00693c34@pop.mindspring.com>
Date: Fri, 14 May 1999 23:48:18 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Garey Barrell <k4oah@mindspring.com>
Subject: Re: BA Speed Graphic
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dick -

Be careful around those big transmitters when your pockets are full of those lightbulb-size flashbulbs!! :-)

73, Garey - K40AH

At 08:17 PM 5/14/99 -0700, Dick Dillman wrote:

>

>I went to the photo swapmeet the other weekend and got my intestines all in
>an uproar over Speed Graphics. You know the Speed Graphic: the big box with
>the bellows and lens sticking out that Weegee used to take all those great
>crime photos in New York. When I got back I forced Tom Horsfall to sell me
>his military Speed Graphic kit with transport case. So now I'll be able to
>properly document the next Military Radio Collectors Group meet and other
>significant events. But of course I must buy a fedora first.

>

Message-Id: <3.0.5.32.19990511001153.008f6100@pop.pipeline.com>
Date: Tue, 11 May 1999 00:11:53 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: e-bay, WAS -> Dayton Hamvention - Early Impressions
Cc: listown@jackatak.theporch.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 20:22 05/14/1999 -0400, Dave Jordan wrote:

>I buy direct from the owner, not an email address...I'll never use EBAY

<snip>

>Michael M Oxenreider wrote:

>

>> Hello everyone,

>> Jim I think that E-bay will prove to be the death of hamfests...
<snip>

Gentlemen, and Ladies:

Everybody has an opinion concerning e-bay (and on-line auctions in general.) This has proved to be a very decisive issue in lots of places; see the ongoing flamefests in the r.r. newsgroups for some good examples.

This has the potential to produce as much smoke and heat, and as little light as the code/no-code issue.

I respectfully request that we drop this topic from the BA mailing list.

Recently our listowner wrote in one of his famous JackAttacks:

>Gang-

>This is a dark day, because ya'll have been behaving pretty well on
>your own, and I was beginning to think I could just handle email
>headaches and let the list run itself...

>Now this ugly E-Bay stuff rears its head.

<Snip>

>These

>posts are noise, plain and simple. The BoatAnchors list is a paid list
>whose members have weighed in and made their feelings quite clear:

>keep the noise off the list and cut out the auction posts...

>So gang, we are off on a new course, and we will stick to the basics
>of civility, staying on topic in our posts, and leaving the cat fights
>to other places...

>NO MORE AUCTIONS, please... they are unnecessary and they are noise
>to the list...

Jack was referring to the posting of auction pointers, URL's and updates, on BA. But I believe he would consider debating e-bay, pro or con to be of even less merit.

Respectfully,

-Larry Ware
lrware@pipeline.com
Orlando, Florida

Message-ID: <004a01be9ea4\$d0b68400\$66f286cd@jcall.sirius.com>

From: "Jim Carrington" <jcall@sirius.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: The ZM-3

Date: Sat, 15 May 1999 00:29:47 -0700

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A few weeks ago , at the last Livermore swap , I saw a colorful clean piece of military test gear sitting in the parking lot. A friend of mine was examining it. When he decided he didnt want it as he already had a capacitor tester I got my turn at it and saw it was a ZM-3 capacitor analyzer. I needed another capacitor tester like I needed another hole in my head, but with the rainy weather , and slim pickins this piece of gear sitting out on the pavement with its green, red and gray face looked more and more attractive. A closer examination showed it have hardly a scratch on its case . It measured capacity on a spiral scale printed on a yellow rotating drum with pointers moving laterally along the drum as it turned. It also tested capacitor leakage (though on a 50 mA meter) and measured power factor and insulation leakage. The price at \$20 clinched it for me.

When I got it home , I had to try it out . With a variac on it , I brought it up as slowly as my impatient hand would allow . The main function, measureing capacity , was dead - no meter movement althought it had moved on other functions. (I suspected the oscillator was not oscillating) . No manual came with it , so off came the case. This baby has to be to capacitor testers , what the PRM-10 is to grid dip meters, no expense spared and way over built for its task. Inside I counted 9 tubes including an 807. A schematic was pasted to the inside of the case . The dial drum was driven by machined stainless steel gears including one with antibacklash spring loading. Everything else was also strong and solidly made. A beautiful piece of quality equipment .

Next I looked the schematic over, and did the easy part and tested the tubes associated with the oscillator. All were strong. Unfortunately I dont have a manual. Fair Radio doesnt list one either. Anyone out there have one or even a Xerox copy I can buy . If not , perhaps someone can point me to where I can find one ?

I would like to hear of anyone else using one of these testers or who's had experience with it .

Regards

Jim Carrington

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 15 May 1999 06:31:59 -0500
Subject: FMLA: Spring
Message-ID: <19990515.063647.-152369.0.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit
From: mnhopkins@juno.com

Frank was restless after Dayton.

We did not sell any of the old 6M AM stuff and even brought back a near dead Lincoln Six, but Frank fixed the bring-backs, put them on 57 mc, and turned to the basket case.

Frank leads a shadow Five Meter Liberation Army that plans to take back 56-60 mc. In that he helps various groups as diverse as the Nation of Islam and WAR, which gratuitously supplies bodyguards to protect both the double breasted suit wearing Frank and WAR's interest in him.

One of the bodyguards, a woman named Christie, bought the Lincoln Six for the \$2 asked because she drives a Mark VIII. Frank thought that a good joke, but it set him to thinking. He shooed Charlie the ferret, who will not leave Christie now, out of the carcass and rewired the little transceiver for 12v plate tubes with numbers like 12EK6 and 12AD6. Cleaned up, it looks pretty good in the Mark as its brown case matches some of the dash wood. The ferret is just as happy sleeping in the removed Clegg 99er.

So by Tuesday Frank was ready for the weekly trip to the Civic Virtue Thrift Store where he has convinced the cashier, who's finger tattoos spell "RITA," that my AARP card entitles us to the promised senior citizen's discount. But his heart was not in it. I found the Knight T-50 for \$4.97 less 30% while he talked to the woman who he later told me was really named Elaine. It seems she once had a boyfriend named "RICO," and "RITA" was the best she could do with the old remembrance.

Back home in our shared basement shop Frank attacked the 1950's transmitter and soon had it grid block keying, reading it's PA on a Simpson panel meter, and doubling to 57 mc where it puts out a respectable Heising modulated signal with aid of an audio subchassis from a Harvey Wells TBS-50D and a choke from some old 1930s Collins transmitter Frank scrapped. He uses the rest of the "Bandmaster" on FM for its rich harmonic content and, "because they had the grit to take an 807 up to 2M."

He set the Knight next to a matching VFO to which he added varactor FM. Then he wandered around the lot, shadowed by a kid I call the WARmon. They teased my wife's duck by threatening to throw it in the kid's wading pond, but I could see Frank's heart was not in it.

When I returned with the school kids, Frank's '47 Frazer Manhattan and the WARmon's Toyota Land Cruiser were missing, but the other bodyguard,

Christie, was sitting in her Lincoln under a tree and petting the ferret.
I asked her where Frank might have gone.

"I'm not sure," she answered. "He just said someone named Elaine had not been to Confession in 17 years and that there might be a line on Saturday."

Next week: Frank's fascist friends go to the field after an encounter with the Nation of Islam as FMLA #1 recalls another Frank.

de ab5L, michael in dallas, MNHopkins@JUNO.com copyright FMLA XXXVI
Student of Tecraft, ICM and Six Meters' Golden age: 1957-58
Banned for life from QRP-L mailer for various truths.

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 15 May 1999 11:29:23 -0500
Subject: Dallas BA sightings
Message-ID: <19990515.112932.-152369.2.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: mnhopkins@juno.com

Diverted from Dayton, I took in the tailgate fest of the Vintage Radio and Phonograph Society (VRPS), an active local Atwater Kent type group that tolerates hams and other poor realtions.

Amid the wooden boxes and tinmetal BCers I noted:

Hallicrafters SX-99, fair to good, \$80 asked, \$40 sold

Hallicrafters S-38, no suffix, yes real BF0, very good, \$60 asked, no answer.

Heath 1B - 1 B impendence bridge, \$20 asked, (anyone got a manual?)

Three rugged old Precision 200 signal generators, one in box with the companion volume "Servicing By Signal Subistutuion," for asked prices in \$40 to \$50 range. Had any sold, I would advise bringing yours too. The companion sweeper went home, too.

UMR-25 F signal generator without front cover or sundries, \$25 asked, no offers, I put it back in my garage.

And finally, late in day, a Hallicrafters S-94 "Civic Patrol" Low Band RX came home with me for \$10. Why? Well, I wanted an S-106 and figured I

might someday find one that needed a knob or IF or somesuch.

The VRPS twice yearly tailgate fest supplants the monthly 'festettes before the meetings and is no charge to members and no questions asked of others. It draws Atwater Kent types from 5 states and enough real BA stiff falls off the tables (where the S-38 sat) to be worth the effort. Moreover, fellowship with W5FRS and AA5ZD, who bought a clean HW-16 for \$40, was worth the drive to Irving, TX, home of the Dallas Cowboys who don't live downtown in the jail.

de ab5L, michael in dallas, MNHopkins@JUNO.com
Student of Tecraft, ICM and Six Meters' Golden age: 1957-58
Banned for life from QRP-L mailer for various truths.

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Sat, 15 May 1999 12:42:02 -0400 (EDT)
Subject: LSB MOD - RECEIVING?
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9905151242.aa15899@pcusa01.ecunet.org>

> > Morris, hook up *stereo* headphones to each channel if the 121B &
> listen to > SW BC stations. It's wierd, like artificial stereo, caused
> my > non-identical sidebands following a trip thru the ionosphere.
>
> That's a great idea - I'll give it a try ASAP.

This was first reported by Ed Tilton in QST in early 50s when G.E. (?)
YRS-1 rx adaptor came out.

Propagation, especially thru the ionosphere, does things that treats the
sidebands of a signal differently, shifting them randomly in amplitude &
phase relative to each other. When heard separately by our two ears, this
mimics a stereo effect.

This kind of thing is also done artificially in the record studio to get
phasiness & other stereo-like effects.

Both sidebands are simultaneously available from the C.E model A or B
sideband slicer (a phasing-type SSB detector/adaptor) circuitry. The
slicer itself makes only one sideband available at its usual output at one
time but you can easily pick off the audio of both sidebands using an audio
amp & stereo speakers or headphones. It's sounds wierd!

-John Sehring (Sat, May 15, 1999 Custer SD USA) UCC WB0EQ

(temporarily at Midwestern Regional Medical Center, Zion IL)

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Sat, 15 May 1999 12:42:03 -0400 (EDT)
Subject: LSB MOD - RX
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9905151242.aa15906@pcusa01.ecunet.org>

To: boatanchors@theporch.com

> For a wierd yet pleasant experience, connect sterio phones
> to two separate HF receivers using two different antennas.
> tune to the same HF station and you are in for an unusual
> experience. As the signal fades in one it usually remains
> up in the other and vice-versa. It sounds like the sounds
> are floating thru your head from side to side.

Interesting, I wonder if it sounds "stereo"-y or not. That would take
phase differences.

> We used this dual diversity idea at a manually operated high speed CW
> circuit. One of us used both receivers and sterio phones while the other
> operator copied from only one receiver. The one using dual diversity got
> perfect copy while the other op had gaps in his copy.

Space diversity works very well in my experience. I used such a setup on
10 m FM to kill phase distortion (selective fading to the AM folks). I
simply combined the audio from separate but identical rx's. No, I didn't
select the better signal as one normally does with diversity rx. It was
the equal-amplitude combining of the rx's outputs that did the trick. The
detected signal was in phase from both rx's but the distortion (from
selective fading) was not so combining them tended to cancel the distortion
to a significant degree.

Selective fading produces much more detected signal distortion on an NBFM
(5 kHz) signal than an equiv. AM signal. It can distort an FM signal to
nearly unintelligibility--I don't think I've ever heard an AM signal that
badly messed up multipath except for auorally-propagated sigs.

The way to "see" multipath distortion on an FM sig is to look at signal
strength (not limiter current): If it drops with modulation, you've got
multipath.

There was a person (Hildrith? (sp?)) who wrote a lot of stuff in HR mag

around 10-15 years back (am not home so can't check) about using both of our ears "differentially" for CW work. E.g. one ear got CW from very tight audio filter, other ear got much less filtered version of same.

Or, one ear got center of AF filter and some to hf side, other got center & some to lf side, so off freq sigs went to one side of head or other. Interesting stuff, there was probably more.

- > We didn't try it on BC stations - there would probably be an additional
- > effect especially with music because of the front end local oscillators
- > and the demodulation oscillators not being in precisely in step
- > frequency wise and exactly in phase.

I'm not sure, this is not a trivial question. I think the detector would remove the phase diffs (see my comments on diversity combining above). I think you must go the ISB/separate earphone channel route to hear the wierd stuff. Easy to try tho, just need 2 rx's, 2 antennas, stereo headphones.

-John Sehring (Sat, May 15, 1999 Custer SD USA) UCC WB0EQ
(temporarily at Midwestern Regional Medical Center, Zion IL)

End of BOATANCHORS Digest 2544
